



Shandong Zhuoxing Chemical Co., Ltd.

Zibo Zhuoxing Enterprises Co., Ltd.

TDS of SPS-08 Water Reducing Type Polycarboxylate Superplasticizer PCE Powder

Description

SPS-08 is a new generation of Eco-friendly high performance polycarboxylate ether superplasticizer powder developed by our company with DD-908 (HPEG2400) as main raw material.

Technical Principle

The main chains of the high performance polycarboxylate water reducing agent molecular are absorbed onto the surface of the cement granules, which can effectively hinder the hydration, enhance fluidity retention ability, the branch chains surrounded by the cement granules, play dual roles of steric hindrance and electrostatic repulsion, it is totally different from conventional water reducing agents, so the high performance polycarboxylate water reducing agent has better dispersion and water reducing effect.

Advantages/Characteristics:

- (1) SPS-08 Polycarboxylate ether superplasticizer powder with solid content : 97% min. It is specially used for gypsum based and cement based dry mix mortar.
- (2) Having a good thermostability.
- (3) With a high slump retention ability, enhance cohesion, without segregation.

Web site: www.zhuoxingchem.com



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(4) With a good dispersion,an excellent adaptability to different cements,and good water-reducing properties。

Usages and Cautions:

- (1) A recommended dosage is 0.2%-0.5% by the weight of cementious materials. Actual dosages should be determined by test.
- (2) This product is forbidden to be mixed with naphthalene sulphonate.
- (3) Compatibility test must be done when it is used together with other admixtures.

Package: Packed in 25kg plastic woven bags with PE inner liner, 16 mt with pallets loaded in one 20'GP, 27 mt with pallets loaded in 40'HQ by sea, 25.5 mt with pallets loaded in 40'HQ by train

Shelf time: 0℃-40℃ the shelf life is 12 months.

Application:

1. It is used for gypsum based and cement based dry mix mortar.

It can also be used for oil well cementing operation.

2.It is especially for gypsum based systems(SLU,plasters,joint fillers).

Quality Specification

Item	Unit	Standard
Appearance	/	White powder
Density(23℃)	Kg/m ³	500±50

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PH (23℃)	/	6.0 ± 1.0
Solid Content	%	97.0 ± 1.0
Moisture content	%	≤ 3.0
Water Reducing Ratio	%	≥ 25
Cl ⁻	%	≤ 0.02
Alkali content	%	≤ 0.3

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